

Title (en)
Illumination system

Title (de)
Leuchtensystem

Title (fr)
Système d'éclairage

Publication
EP 2466996 A3 20150415 (DE)

Application
EP 11009887 A 20111215

Priority
DE 102010054784 A 20101216

Abstract (en)
[origin: EP2466996A2] The lighting system has LED component (3) that includes several LEDs. A master component (2) controls the operation of LED component and a power supply unit (1) supplies the power supply voltage to LED component. The master component includes a modulator for modulating the power supply voltage according to control instruction, and demodulator for demodulating the power supply voltage according to control instruction.

IPC 8 full level
H05B 33/08 (2006.01); **H05B 37/02** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)
H05B 45/20 (2020.01 - EP US); **H05B 45/24** (2020.01 - EP); **H05B 45/46** (2020.01 - EP US); **H05B 47/185** (2020.01 - EP US)

Citation (search report)

- [X] WO 2009069062 A1 20090604 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [I] US 2009278473 A1 20091112 - VAN ERP JOSEPHUS ADRIANUS MARIA [NL]
- [I] US 2009171510 A1 20090702 - HU YU-CHOU [TW]
- [I] US 2009322251 A1 20091231 - HILGERS ACHIM [DE]

Cited by
WO2024083728A1; BE1023976B1; CN109196950A; EP4358650A1; WO2016131605A1; US10648628B2; WO2017161426A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2466996 A2 20120620; EP 2466996 A3 20150415

DOCDB simple family (application)
EP 11009887 A 20111215